

## SEQUENCE LISTING

<110>	Neville, Matt de Arruda Indig, Monika Cao, Feng Oldenburg, Mary C. Koelbl, Jim C. Aizenstein, Brian D. Davey, Keith	
<120>	Characterization of CYP2D6 Genotypes	
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	10/617,070 2003-07-10	
	10/411,954 2003-04-11	
	60/371,819 2002-04-11	
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<400> 228
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cgcgccgagg tgcmtagtgg tggctgv
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<210> 230
<211> 56
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       231
<211>
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      DNA
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<223> Synthetic
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cggtcggcsg tgtcctcgcc ga
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acggaegegg agtgggtcac cakegev
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<400> 233
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egegecgagg egggteacca kegev
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cgaggcgmtg gtgacccgcg gcgaggacac sgccgaccgc c
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gcaagaagga gtgtcaggg
<210> 237
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<223> Synthetic
<400> 237
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aaggetttge aggettea
<210> 238
<211> 19
<212> DNA
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<223> Synthetic
<400> 238
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gaatccggtg tcgaagtgg
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ctgtggtgag gtgacgagg
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gctcggacta cggtcatca
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<223> Synthetic
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ggcccctgca ctgtttc
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<210> 242
<211> 33
<212> DNA
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<223> Synthetic
<220>
<221> misc_feature
<222>
       (3)...(3)
<223> The residue at this position is linked to a Z28 quenching group.
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tctagccggt tttccggctg agacctcggc gcg
                                                                          33
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  <211> 35
  <212> DNA
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  <220>
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  <222>
        (3)...(3)
  <223> The residue at this position is linked to a Z28 quenching group.
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                                                                      35
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  <211> 29
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 cccagctgga tgagctgcta actgagcat
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  <400> 245
                                                                      30
 atgacgtggc agaccaggat gacctgggav
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  <211> 25
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  <223> Synthetic
 <400> 246
  cgcgccgagg cggatgacct gggav
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<212> DNA
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<223> Synthetic
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<211> 50
<212> DNA
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gctgggtccc aggtcatccg tgctcagtta gcagctcatc cagctgggtc
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      23
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<212> DNA
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ccgttggggc gaaaggggcg tca
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acggacgcgg agttgggggt gggagav
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<223> Synthetic
<400> 251
atgacgtggc agacctgggg gtgggagv
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<211> 42
<212> DNA
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<223> Synthetic
<400> 252
cgcatctccc acccccaaga cgcccctttc gccccaacgg to
                                                                         42
<210> 253
<211> 42
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 253
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cgcatctccc accccagga cgcccctttc gccccaacgg tc
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<211>
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ccatccaggg aagagtggcc tgttt
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<211> 28
<212> DNA
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<223> Synthetic
<400> 255
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acggacgcgg agaggaaccc tgtgacat
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<211> 47
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic
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tttgaaatgt cacagggttc ctaacaggcc actcttccct ggatggg
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<210> 257
<211> 32
<212> DNA
<213> Artificial Sequence
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<223> Synthetic
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aggagtagee acgeteggtg aggatettea tt
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<210> 258
<211> 27
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<223> Synthetic
<400> 258
cgegeegagg caggtagtcg gtgagat
                                                                         27
<210> 259
<211>
       54
<212> DNA
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<223> Synthetic
<400> 259
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cgcgatctca ccgactacct gatgaagatc ctcaccgagc gtggctactc cttc
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<211> 22
<212> DNA
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<223> Synthetic
<400> 260
                                                                         22
cccgcgccac ccacactgag cc
<210> 261
<211> 27
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<223> Synthetic
<400> 261
                                                                         27
acggacgcgg agttacagca caggtgc
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<210> 262
<211>
      37
<212> DNA
<213> Artificial Sequence
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<223> Synthetic
<220>
<221> misc_feature
<222>
      (3)..(3)
<223> The residue at this position is linked to a Z28 quenching group.
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                                                                      37
<210> 263
<211> 537
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic
<220>
<221> misc feature
<222>
      (275)...(275)
<223> The residue at this position is c or t.
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aagttagaag aaccaagact atcttgtcag gggtgtattt tgagagtggc agacttttca
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gtgcctttcc attcatgaca cttcttgaat ctctggcaga accagccagc cgtgttcaca
                                                                     120
gtgtcaaatg aagggatgtc tttgattgct tccaggtgtt cctcagcacc accggagggg
                                                                     180
gatgggtgat cagccgaatc tttgactcgg gctacccatg ggacatggtg ttcatgacac
                                                                     240
gctttcagaa catgttgaga aattccctcc caacnccaat tgtgacttgg ttgatggagc
                                                                     300
gaaagataaa caactggctc aatcatgcaa attacggctt aataccagaa gacaggtaaa
                                                                    360
tataatgtga ctgccaaggg cttttaggaa gaaggagcct ctgcctgtcc agcagcctat
                                                                     420
acaagccagg cagtaccaca gcaacatggc tgaatgtgtg ggaacacttg atacaaattt
                                                                     480
gcttgataat aacagctaac tgttcttaag tactcagaaa gtgaaattat gtatttc
                                                                     537
<210> 264
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<212> DNA
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<223> Synthetic
<400> 264
                                                                      19
ctgggctggg agcagcctc
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<220>	Synthetic	
	265 ctgg cctgtttcat gtc	23
<210><211><211><212><213>		
<220> <223>	Synthetic	
<400> ctggaa	266 teeg gtgtegaagt gg	22
<211> <212>		
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	267 ccct gcactgtttc	20
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<400> gaggca	268 agaa ggagtgtcag gg	22
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<220> <223>	Synthetic	
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<400> gccacc	270 atgg tgtctttgct ttc	23
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<400> accgga	271 ttcc agctgggaaa tg	22
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<400> accggg	272 cac¢ tgtactcctc a	21
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<400> gcatga	273 gcta aggcacccag ac	22
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<400>	274 gegg agttacagca caggtge	27

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<400> cgcgcc	275 gagg caggtagtcg gtgagatc	28
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                                                                         24
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                                                                         41
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gctgggctgc acgctactca ccaggccccc tgccactgcc c
                                                                         41
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caggcggcct cctcggtcac ct
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<211> 24
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<400> 284
                                                                         24
cgcgccgagg cactgctcca gcga
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atgacgtgge agacectget ecagega
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agaagteget ggageagtgg gtgaccgagg aggeegeetg ce
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<211>
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agaagteget ggageagggg tgaccgagga ggeegeetge c
                                                                        41
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cettacege atctceeacc cccat
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<223> Synthetic
<400> 289
cgcgccgagg agacgcccct ttcg
                                                                        24
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ggggcgaaag gggcgtcttg ggggtgggag atgcgggtaa gggg
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gctgggctgg gtcccaggtc atct
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egegeegagg etgtgeteag ttageag
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atgagetget aactgageac ggatgacetg ggacecagec cagece
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<223> Synthetic
<400> 299
atgacgtggc agacgcaggt tctcatcatt gaa
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gccaccatgg tgtctttgct ttcctggtga t
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<400> 304
egegeegagg ecceatecee etatg
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                                                             · 51
   <210> 308
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   ccggggctgt ccagtgggca t
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   cgcgccgagg cagtgggcac cga
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 gcagcacttc agcttctcgg tgcccactgg acagccccgg cc
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 cgcgccgagg ctgcagaggg aggg
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ctgaccetee ctctgeactt gcggegeege ttegggga
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ggetagaage actgrtgccc ctggcct
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ctgagctagg tccagcagcc tgaggaaga
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atgacgtggc agaccgaggg tcgtcgtac
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tcgagtacga cgaccctcac ttcctcaggc tgctggacct agctcagg
                                                                       48
<210> 333
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cgggctaccc atgggaca
                                                                       18
<210> 334
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tctggtatta agccgtaatt tgcatgattg a
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ecceargacg cccetttege cet
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cccgcgccac ccacactgag cc
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aggagtagcc acgctcggtg aggatcttca tt
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acggacgcgg agttacagca caggtgc
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egegatetea ecgactaect gaatgaagat ceteacegag egtggetact cette 55
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<221>
<222>
      (3) ... (3)
<223>
      The residue at this position is linked to a Z28 quenching group.
<400> 528
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tetteggeet tttggeegag agaeetegge geg
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<212> DNA
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<223> The residue at this position is linked to a Z28 quenching group.
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